FORM 3

**STATE OF UTAH**
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐

## APPLICATION FOR PERMIT TO DRILL

**1. WELL NAME and NUMBER**
Cane Creek Unit 25-1-25-19

**2. TYPE OF WORK**
DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○

**3. FIELD OR WILDCAT**
CANE CREEK

**4. TYPE OF WELL**
Oil Well Coalbed Methane Well: NO

**5. UNIT or COMMUNITIZATION AGREEMENT NAME**
CANE CREEK

**6. NAME OF OPERATOR**
FIDELITY E&P COMPANY

**7. OPERATOR PHONE**
720 931-6459

**8. ADDRESS OF OPERATOR**
1700 Lincoln Street Ste 2800, Denver, CO, 80203

**9. OPERATOR E-MAIL**
Robert.Sencenbaugh@fidelityepco.com

**10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)**
utu46693

**11. MINERAL OWNERSHIP**
FEDERAL ◉ INDIAN ○ STATE ○ FEE ○

**12. SURFACE OWNERSHIP**
FEDERAL ◉ INDIAN ○ STATE ○ FEE ○

**13. NAME OF SURFACE OWNER (if box 12 = 'fee')**

**14. SURFACE OWNER PHONE (if box 12 = 'fee')**

**15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')**

**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**

**17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')**

**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS**
YES ○ (Submit Commingling Application) NO ◉

**19. SLANT**
VERTICAL ○ DIRECTIONAL ○ HORIZONTAL ◉

| 20. LOCATION OF WELL | FOOTAGES | QTR-QTR | SECTION | TOWNSHIP | RANGE | MERIDIAN |
|---|---|---|---|---|---|---|
| LOCATION AT SURFACE | 739 FSL 2021 FEL | SWSE | 25 | 25.0 S | 19.0 E | S |
| Top of Uppermost Producing Zone | 625 FNL 1930 FEL | SENE | 25 | 25.0 S | 19.0 E | S |
| At Total Depth | 115 FNL 748 FEL | NENE | 25 | 25.0 S | 19.0 E | S |

**21. COUNTY**
GRAND

**22. DISTANCE TO NEAREST LEASE LINE (Feet)**
739

**23. NUMBER OF ACRES IN DRILLING UNIT**
640

**25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)**
0

**26. PROPOSED DEPTH**
MD: 12421 TVD: 7874

**27. ELEVATION - GROUND LEVEL**
5462

**28. BOND NUMBER**
CO-1395

**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE**
Municipal

### Hole, Casing, and Cement Information

| String | Hole Size | Casing Size | Length | Weight | Grade & Thread | Max Mud Wt. | Cement | Sacks | Yield | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| Cond | 26 | 20 | | | | | | | | |
| Surf | 17.5 | 13.375 | 0 - 1000 | 54.5 | J-55 Buttress | 0.0 | Type III | 400 | 2.47 | 12.3 |
| | | | | | | | Type III | 212 | 2.14 | 14.2 |
| I1 | 12.25 | 9.625 | 0 - 4187 | 40.0 | L-80 Buttress | 0.0 | Class G | 1155 | 1.25 | 14.4 |
| | | | | | | | Class G | 350 | 1.25 | 14.4 |
| Prod | 8.5 | 7 | 0 - 4000 | 29.0 | P-110 Other | 16.5 | Class G | 400 | 1.24 | 16.8 |
| | | | 4000 - 8500 | 32.0 | HCP-110 LT&C | 16.5 | Class G | 150 | 1.2 | 18.0 |
| P2 | 6 | 4.5 | 8000 - 12421 | 13.5 | P-110 LT&C | 16.5 | Class G | 326 | 1.2 | 18.0 |

## ATTACHMENTS

**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ COMPLETE DRILLING PLAN
- ☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ☑ TOPOGRAPHICAL MAP

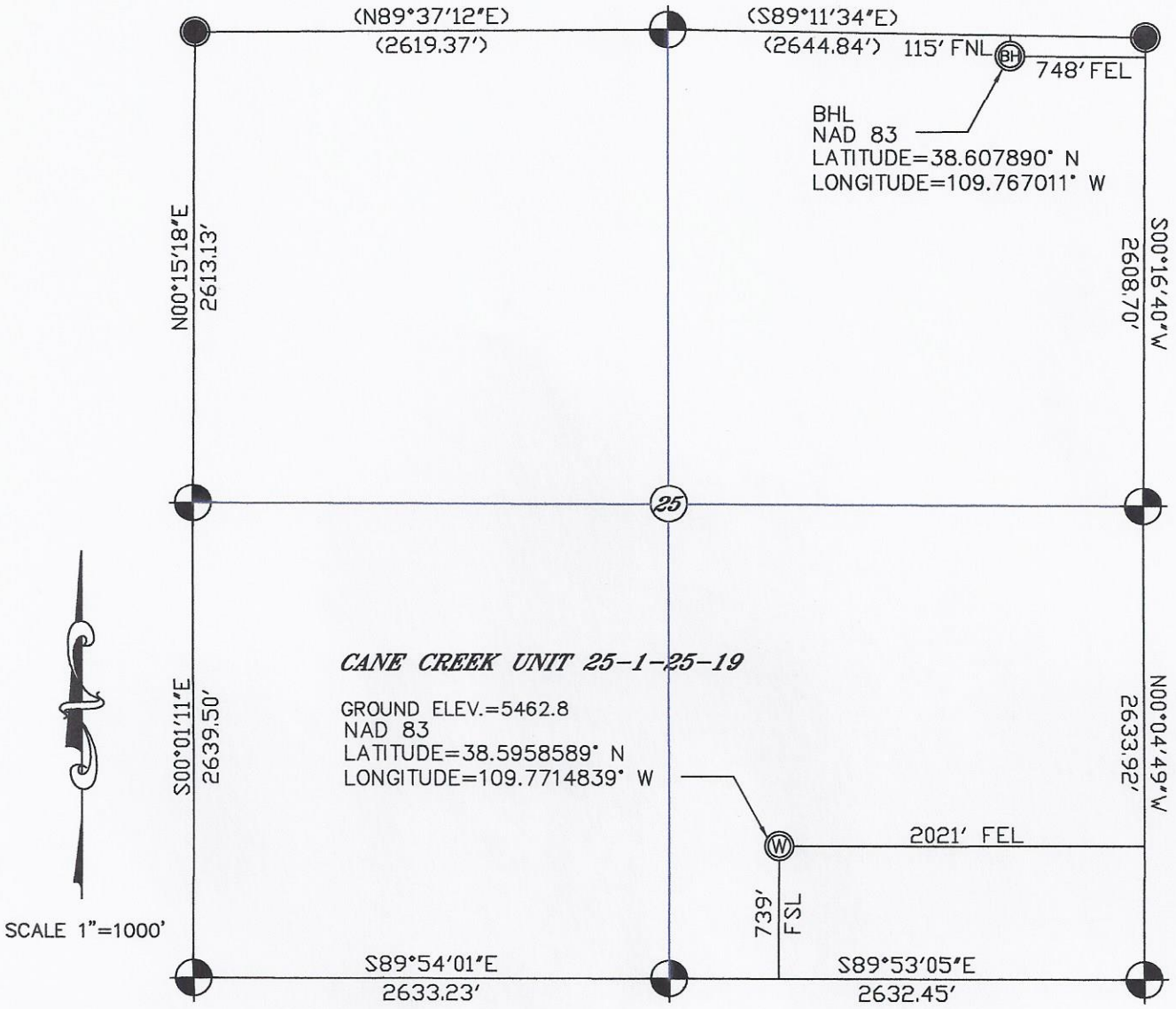
**NAME** Joy Gardner | **TITLE** Sr. Engineering Tech | **PHONE** 720 956-5763

**SIGNATURE** | **DATE** 02/10/2014 | **EMAIL** joy.gardner@fidelityepco.com

**API NUMBER ASSIGNED**
43019500480000

**APPROVAL**

Permit Manager




NOTES: DATA IN PARENTHESIS IS OF RECORD. ALL OTHER DATA IS SURVEYED DATA.

ELEVATIONS ARE BASED ON A G.P.S. 2 HOUR OPUS OBSERVATION.

## LEGEND

- FOUND GOVERNMENT MONUMENT
- (W) SET T-POST WITH LATH AT PROPOSED WELL LOCATION
- UTAH GIS LOCATION FOR UN-SURVEYED SECTIONS
- (BH) BOTTOM HOLE LOCATION

Kay B. Campbell

KAY B. CAMPBELL

01/28/2014

DATE

PROFESSIONAL LAND SURVEYOR
No. 6385290
KAY B. CAMPBELL
STATE OF UTAH


KEOGH LAND SURVEYING
45 EAST CENTER STREET MOAB, UTAH, 84532


A SURVEY OF

# CANE CREEK UNIT 25-1-25-19

WITHIN SECTION 25, T 25 S, R 19 E, SLM,
GRAND COUNTY, UTAH

PREPARED FOR

*FIDELITY EXPLORATION & PRODUCTION CO.*

| | | |
|---|---|---|
| DATE: 01-11-14 | DRAWN BY: KBC | CHECKED BY: KBC |
| SCALE: 1"=1000' | F.B.# | 25-1 PLAT.DWG |